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(54) Title: **OXALIPLATIN WITH A LOW CONTENT OF ACCOMPANYING IMPURITIES AND A METHOD FOR PREPARATION THEREOF**

(57) Abstract: Oxaliplatin with a low content of accompanying impurities originating from its preparation which contains, by weight, at most 0.01 %, preferably less than 0.001 %, of alkali metals, at most 0.0005 %, preferably less than 0.0002 %, of silver, and at most 0.01 %, preferably less than 0.001 %, of nitrates. A method for preparation of the said oxaliplatin resides in that a suspension of (SP-4-2)-dichloro-[(1R,2R)-1,2-cyclohexanediamine-N,N']platinum (II) in water is treated with silver nitrate, then, after removal of the solid phase, the obtained solution is treated with quaternary ammonium iodide of the formula (R)<sub>4</sub>NI, the separated solid phase is removed and the obtained solution is treated with oxalic acid, and the separated oxaliplatin is isolated, washed with water and a polar organic solvent or their mixture, dried, recrystallised from water, washed with water and polar organic solvent or their mixture, and dried.



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